D S R Infratech

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Ref.

Date .: .....

DSR/ QC /012-2020/BBMP/ YPD

Date: 25/11/2021

To,
The Executive engineer,
Yelahanka Project Division,
Bangalore

"PMC CERTIFICATE AND INSPECTION REPORT"

Dear Sir,

Subject: Regarding Inspection Report for the below mentioned work.

Package No-14

1. Construction of Classrooms and providing basic amenities to Yelahanka Govt First Grade College in Yelahanka Division
2. **Construction of Health Building at B Sector in Ward No.04 in Yelahanaka Satelite Town Sub Division**
3. Construction of Samudhaya Bhavana at Best County-III and Providing Gym Equipments at Best County-II in Ward No.03 Yelahanka Sub Division

Item No	Description of Work	Unit	Qty	Remarks
01	Earthwork excavation for foundation of buildings, water supply, sanitary lines and electrical conduits either in pits or in trenches 1.5m and above in width, in hard soil not exceeding 1.5 m. in depth including dressing the bottom and sides of pits and trenches, stacking the exavated soil clear from edges of excavation with lead upto 50 m. after breaking of clods complete as per specifications.and directions of the Engineer in charge.(Page no-6, Item No-2.4 of PWD SR 2018-19.).	Cum	710.59	Work done up to Billed Quantity and the Quality is Satisfactory
02	Providing and Filling in foundation with granite / trap broken metal 100mm. and down size, with approved sand including hand packing, ramming, watering, including cost of all materials and labour with all lead and lift. complete as per specifications and directions of the Engineer in charge. Specification No. KBS 2.10.2 (Page no-7, Item No-2.15 of PWD SR 2018-19.).	Cum	28.52	Work done up to Billed Quantity and the Quality is Satisfactory

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03	Providing and laying in position plain cement concrete of mix 1:4:8(M7.5)with OPC cement @ 180kgs, with 40mm and down size graded granite metal coarse aggregates @0.85cum and fine aggregtes @ 0.57cum machine mixed, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation including cost of all materials, labour, HOM of machinery, curing complete as per specifications and directions of the Engineer in charge	Cum	67.89	Work done up to Billed Quantity and the Quality is Satisfactory
04	Providing and laying in position plain cement concrete of mix (M15) with cement @ 240kgs, with 20mm and down size graded granite metal coarse aggregates @0.878cum and fine aggregtes @ 0.53cum, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation,plinth and cills, including cost of all materials, labour, HOM of machinery, curing complete as per specifications and as per the directions of the Engineer-in-charge of the work . ---- All terms and conditions are as per Tender Document. Specification No. KBS 4.1, 4.2 (Page no-13, Item No-4.6 of PWD SR 2018-19.)..	Cum	2.84	Work done up to Billed Quantity and the Quality is Satisfactory
05	Providing and constructing granite / trap / basalt size stone masonry in foundation cement mortar 1:6, stone hammerddressed in courses not less than 20 cms high, bond stones at 2m apart in each course including cost of materials, labour, curing complete as per specifications. Specification No. KBS 5.1,.13 (Page no-25, Item No-5.6 of PWD SR 2018-19.)..	Cum	77.45	Work done up to Billed Quantity and the Quality is Satisfactory
06	KSRB 2.3 - Filling available excavated earth (excluding rock) in sides of foundations upto plinth in layers not exceeding 20 cms. in depth, compacting each deposited layer by ramming after watering with lead upto 50 m. and lift upto 1.5 m. including cost of all labour complete as per specifications and as per the directions of the Engineer-in-charge of the work . ---- All terms and conditions are as per Tender Document. Specification. No. KBS 2.9 (Page no-7, Item No-2.10 of PWD SR 2018-19.)..	Cum	538.96	Work done up to Billed Quantity and the Quality is Satisfactory

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07	Conveying the excavated earth, debries etc., with all lead and lifts including loading and unloading charges etc., complete as per the direction of the Engineer-in-charge. Pg No 136,Item No17.4	Cum	171.62	Work done up to Billed Quantity and the Quality is Satisfactory
08	KSRB 4-6.1 : Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for foundations, footings, bases of columns for mass concrete including cost of all materials, labour complete as per specificaitons. Specification No. KBS 4.6.2, (Page no-16, Item No-4.28 of PWD SR 2018-19.)..	Sqm	200.21	Work done up to Billed Quantity and the Quality is Satisfactory
09	KSRB 4-6.4 : Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for vertical surface such as walls at any thickness , including attached pilasters, buttresses, plinth and string courses cost of all materials, labour complete as per specificaitons. Specification No. KBS 4.6.2 (Page no-16, Item No-4.31 of PWD SR 2018-19.).	Sqm	244.04	Work done up to Billed Quantity and the Quality is Satisfactory
10	KSRB 4-6.5 : Providing and removing centering, shuttering, strutting, propping etc. and Removal of form Work for columns, pillars, piers, post and struts, square / rectangular / polygon in plan including cost of all materials, labour complete as per specificaiton. Specification No. KBS 4.6.2, Pg No 16, Item No 4.32	Sqm	255.25	Work done up to Billed Quantity and the Quality is Satisfactory
11	KSRB 4-6.2 : Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for suspended floors, landings, balconies and likes, thickness upto 200 mm including cost of all materials, labour complete as per specificaitons for heights more than 3.50m from ground level. - 0 to 5 mtrs.Specification No. KBS 4.6.2 page no.16 item no 4.29.2	Sqm	489.84	Work done up to Billed Quantity and the Quality is Satisfactory
12	KSRB 4-6.9 : Providing and removing centering, shuttering, strutting, propping etc., for edges of slabs and breaks in floors including cost of all materials,labour complete as per specifications. Specifications No. KBS 4.6.2, Pg No 17,Item No 4.36	Sqm	27.35	Work done up to Billed Quantity and the Quality is Satisfactory

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13	KSRB 4-6.7 :Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for sides and soffits of beams, beam haunchings, cantilever girders including cost of all materials, labour complete as per	Sqm	160.94	Work done up to Billed Quantity and the Quality is Satisfactory
14	KSRB 4-6.11 :Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for Stairs (excluding landing) except spiral staircase including cost of all materials, labour complete as per specificaiton. Specification No. KBS 4.6.2, Pg No 17, Item No 4.38	Sqm	21.70	Work done up to Billed Quantity and the Quality is Satisfactory
16	Providing and laying in position reinforced cement concrete of Design mix M25 with OPC cement @ 340kgs, with 20mm and down size graded granite metal coarse aggregates @0.70 cum and fine aggregtes @ 0.47cum, with super plasticisers @ 3 liters confirming to is 9103-1999 reafirmed-2008 at machine mixed, concrete laid in layers not exceeding 15 cms thick, vibrated for all works in foundation for footings, pedastals, retaining walls, return walls, walls (any thickness) including attached pilasters, columnspillars, posts, struts, buttresses, bed blocks, anchor blocks & plinths etc., including cost of all materials, labour, HOM of machinery, curing, complete but excluding cost of reinforcement as per specifications.and directions of the Engineer in charge. Specification No. KBS 4.1,4.6 (Page no-14, Item No-4.10 of PWD SR 2018-19.)	Cum	155.11	Work done up to Billed Quantity and the Quality is Satisfactory
17	Providing and laying in position reinforced cementconcrete of design mix M25 with OPC cement @ 340kgs, with 20mm and down size graded granite metal coarse aggregates @0.70cum andfine aggregtes @ 0.47cum,with superplastisiser @3lts confirming to IS 9103-1999 Reaffirmed-2008, machine mixed, concrete laid in layers not exceeding 15 cms thick,vibrated fo all works in **Ground Floor level** for roof slabs ,staircase, lintels , beams, retaining walls ,return wall, walls (an thivck ness) including attached plasters ,columns, pillars,posts,struts.butters,string or lacing courses ,parapets,coping,bed blocks,anchor blocks ,plain window cills,fillets including cost of all	Cum	53.65	Work done up to Billed Quantity and the Quality is Satisfactory

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	materials, labour,HOM of machinery, curing, complete as per specificationsand directions of the Engineer in charge. No. KBS 4.1, 4.6, (Pg No. 14, Item No. 4.12 of PWD SR 2018-19)			
18	Providing and laying in position reinforced cementconcrete of design mix M25 with OPC cement @ 340kgs, with 20mm and down size graded granite metal coarse aggregates @0.70cum andfine aggregtes @ 0.47cum,with superplastisiser @3lts confirming to IS 9103-1999 Reaffirmed-2008, machine mixed, concrete laid in layers not exceeding 15 cms thick,vibrated fo all works in **First Floor level** for roof slabs ,staircase, lintels , beams, retaining walls ,return wall, walls (an thivck ness) including attached plasters ,columns, pillars, posts, struts. butters, string or lacing courses ,parapets,coping,bed blocks,anchor blocks ,plain window cills,fillets including cost of all materials, labour,HOM of machinery, curing, complete as per specificationsand directions of the Engineer in charge. (Pg No. 14, Item No. 4.12 of PWD SR 2018-19) (First Floor)	Cum	48.87	Work done up to Billed Quantity and the Quality is Satisfactory
28	KSRB 4.9.2 : Providing T.M.T bars Fe 500 steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM of machinery complete as per specifications. Specification No. KBS 4.6.3 (Pg No.18 Item No.4.46.2 PWD SR 2018-19) (Ground Floor)	tonne	22.67	Work done up to Billed Quantity and the Quality is Satisfactory
29	KSRB 4.9.2 : Providing T.M.T bars Fe 500 steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM of machinery complete as per specifications. (First Floor)	Tonne	6.63	Work done up to Billed Quantity and the Quality is Satisfactory

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88	Waterproofing of RCC Terrace / podium slab / toilet / utilities / water retaining structure by preparing the surface by chipping and cleaning and Grouting of Honey comb, voids,cracks / construction joints with cement slurry (1kg cement added in 10 ltr of water) added with 100gm of inorganic accelerator, followed by spraying of liquid biological modified alkaline earth silicates @ 0.40 ltr per sqm on whole surface to reduce the micro porosity and allowing it to dry, curing the surface for the silicates to penetrate deeper into the concrete and spraying waterproofing impregnate liquid containing silane and silanol linear copolymer @ 0.50 ltr per sqm and finally applying polymer slurry made out of cross linked acrylic / styrene / butadiene & cement in the ratio of 1:0.1, @0.50kg/sqm on the whole surface, including all labour charges tools and equipments, all complete as per the specificationand directions of the Engineer in charge.	Sqm	72.36	Work done up to Billed Quantity and the Quality is Satisfactory

With respect to the above subject & name of the work, we have inspected the work and the Quantity of above mentioned items of the work was found to be completed satisfactorily for the 4th and Part bill. Work done up to Billed Quantity and the Quality is Satisfactory.

With Regards,

D.S.R Infratech, Bangalore